Amendments to the Abstract:

Please amend the abstract as follows:

The invention relates to a \underline{A} method for generating an MR image of an object situated in an examination volume of an MR apparatus[[.]] The method begins with the acquisition of a plurality of echo signals having at least two different echotime values (t1, t2, t3)[[,]]. The the echo signals being are generated from high-frequency pulses and magnetic-field gradient pulses by means—of an imaging sequence. An intermediate MR image (5, 6, 7) is then reconstructed for each echotime value (t1, t2, t3). By analyzing these intermediate MR images (5, 6, 7), local relaxation times (T2*(x)) and/or local frequency shifts ($\Delta \omega(x)$) are determined by taking account of the respective echo-time values (t1, t2, t3). Finally, a definitive MR image (11) is reconstructed from the echo signals (1) in their entirety.

Fig. 1

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